

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rigid pipe for transporting hydrocarbons the pipe being a reelable type and being comprised of two coaxial pipes, including an inner and an outer pipe, respectively, the pipes being separated by an annular space, the rigid pipe further comprising at least one electrical heating cable extending through the pipe in the annular space and rectilinearly disposed along one external surface of the inner pipe, with thermally insulating material filling the annular space, wherein the cable is capable of undergoing an elongation of at least 0.5 % without damage.

2. (Previously Presented) A pipe according to Claim 1, the cable is subject to elastic deformation while remaining below 15 % of an elastic limit of the material.

3. (Previously Presented) A pipe according to claim 1 wherein the cable is disposed parallel to a longitudinal axis of the pipe.

4. (Canceled).

5. (Previously Presented) A pipe according to Claim 1, wherein the cable is a flat cable.

6. (Previously Presented) A pipe according to Claim 1, wherein the cable is a central conducting braided cable.

7. (Previously Presented) A pipe according to Claim 6, wherein the braided cable is surrounded by at least one electrical insulation sheath.

8. (Previously Presented) A pipe according to Claim 1, wherein the pipe is a pipe-in-pipe having coaxial pipes with an annular space between the pipes; and further comprising sealing members in the annular space between the coaxial pipes, the sealing members being configured for receiving the heating cable in sections of the cable.

9. (Currently Amended) ~~A pipe according to Claim 1~~ A rigid pipe for transporting hydrocarbons the pipe being a reelable type and further comprising at least one electrical heating cable extending through the pipe, wherein the cable is capable of undergoing an elongation of at least 0.5 % without damage, further comprising an electrical supply circuit to the cable, at different locations on the electrical supply circuit, connection boxes for automatically locally re-establishing the connection between phases of the circuit in the event of failure of the circuit.

10. (Previously Presented) A pipe according to claim 1, wherein the cable extends parallel to the pipe, not being longer than the pipe through which the cable passes.

11. (Previously Presented) A pipe according to claim 1, wherein the pipe has a wall and the cable is inside a space enclosed by the wall.

12. (Previously Presented) A pipe according to claim 1, wherein the pipe comprises a double-walled envelope, of two coaxial pipes, respectively an inner pipe and an outer pipe, separated by an annular space.

13. (Previously Presented) A pipe according to claim 12, wherein the cable passes between the coaxial pipes.

14. (Currently Amended) A pipe according to Claim 1, the cable subject to ~~[[elastically]]~~ elastic deformation while remaining below 5 % of an elastic limit of the material.

15. (Canceled).

16. (Currently Amended) A pipe according to Claim 1, wherein the cable ~~the cable~~ is capable of bearing compression without separating from the pipe.